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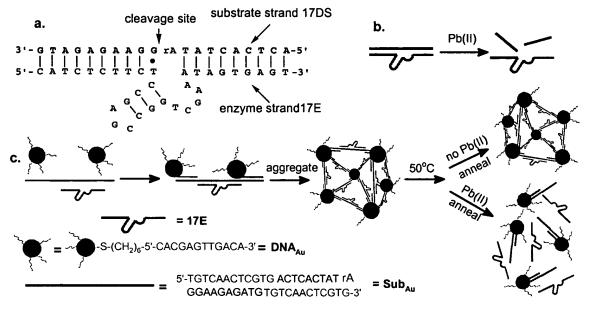
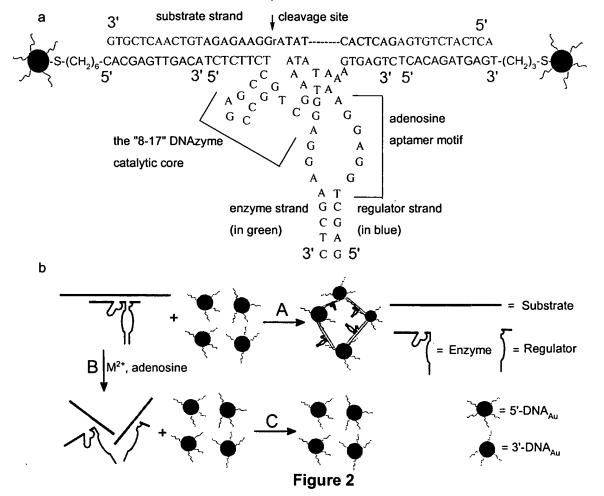


Figure 1

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Patent Application for: IMPROVED COLORIMETRIC BIOSENSORS BASED ON DNAZYME- AND APTAZYME-DIRECTED ASSEMBLY OF GOLD PARTICLES Inventor(s): Yi Lu and Juewen Liu

Attorney Docket No.: 09800240-0075



A. Head-to-Tail arrangement of gold nanoparticles



B. Tail-to-Tail arrangement of gold nanoparticles

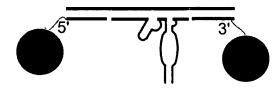


Figure 3

Inventor(s): Yi Lu and Juewen Liu Attorney Docket No.: 09800240-0075

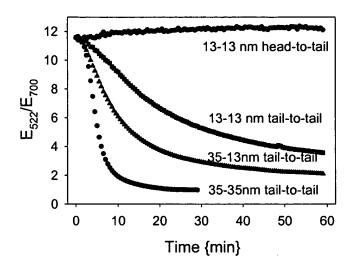


Figure 4

Patent Application for: IMPROVED COLORIMETRIC BIOSENSORS BASED ON DNAZYME- AND APTAZYME-DIRECTED ASSEMBLY OF GOLD PARTICLES Inventor(s): Yi Lu and Juewen Liu Attorney Docket No.: 09800240-0075

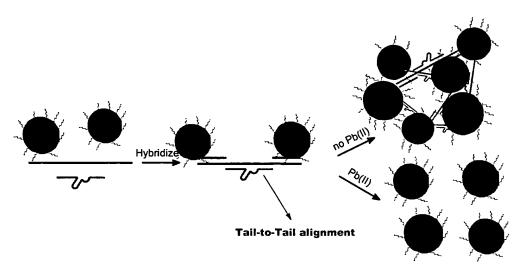
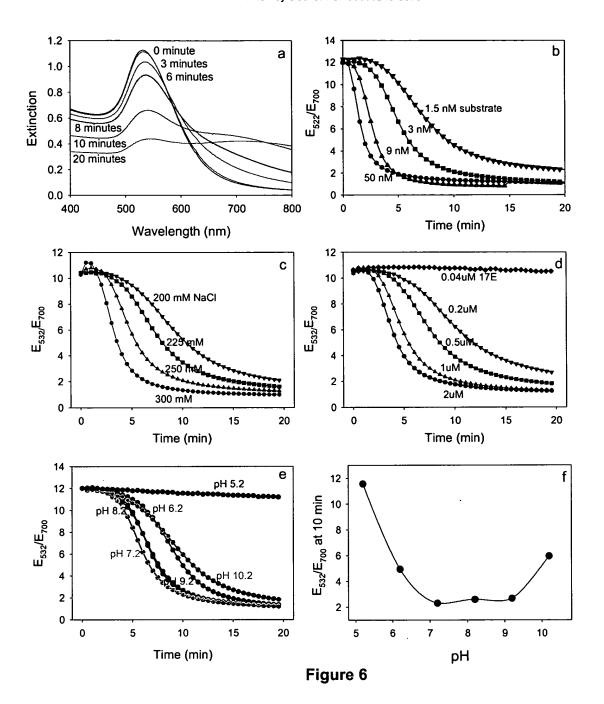


Figure 5



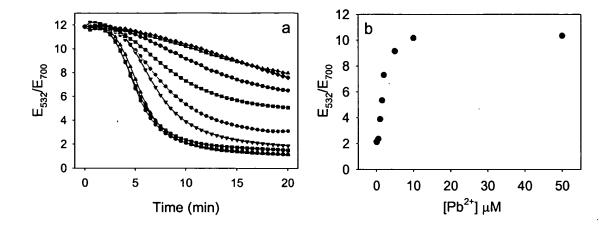


Figure 7

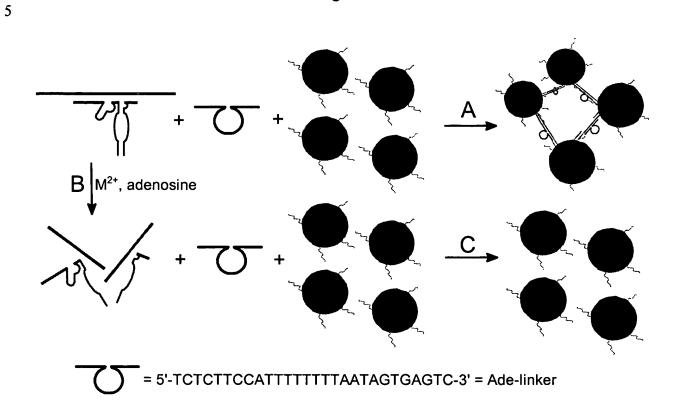


Figure 8

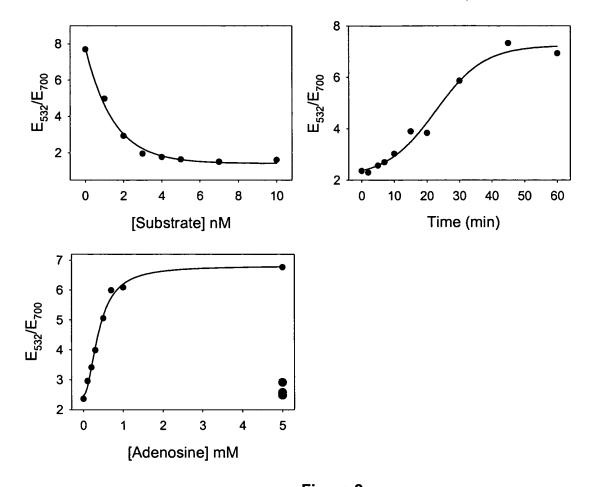


Figure 9

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